GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1275
ANSWERED ON:10.12.2003
POTABLE WATER FROM SEA
E. PONNUSWAMY

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Bhabha Atomic Research Centre has developed nuclear technology to derive potable water from the sea; and

(b) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATISTIC PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY, MINISTER OF ST THE DEPARTMENT OF SPACE AND MOS IN THE MINISTRY OF COMMERCE AND INDUSTRY (ADDITIONAL CHARGE) S.B. MOOKHERJEE:

(a) Yes, Sir.

(b) Two processes for the desalination of water from the sea, viz., Multi Stage Flash (MSF) and Reverse Osmosis (RO) have been developed by the Bhabha Atomic Research Centre (BARC). The plant for production of 1800 m3/day of desalinated water from sea water by Reverse Osmosis (RO) process at Kalpakkam, Tamil Nadu has already been commissioned in August, 2002. The plant with MSF technology will produce 4500 m3/day of desalinated water from sea water and is also located at Kalpakkam.This plant is an advanced stage of construction.